

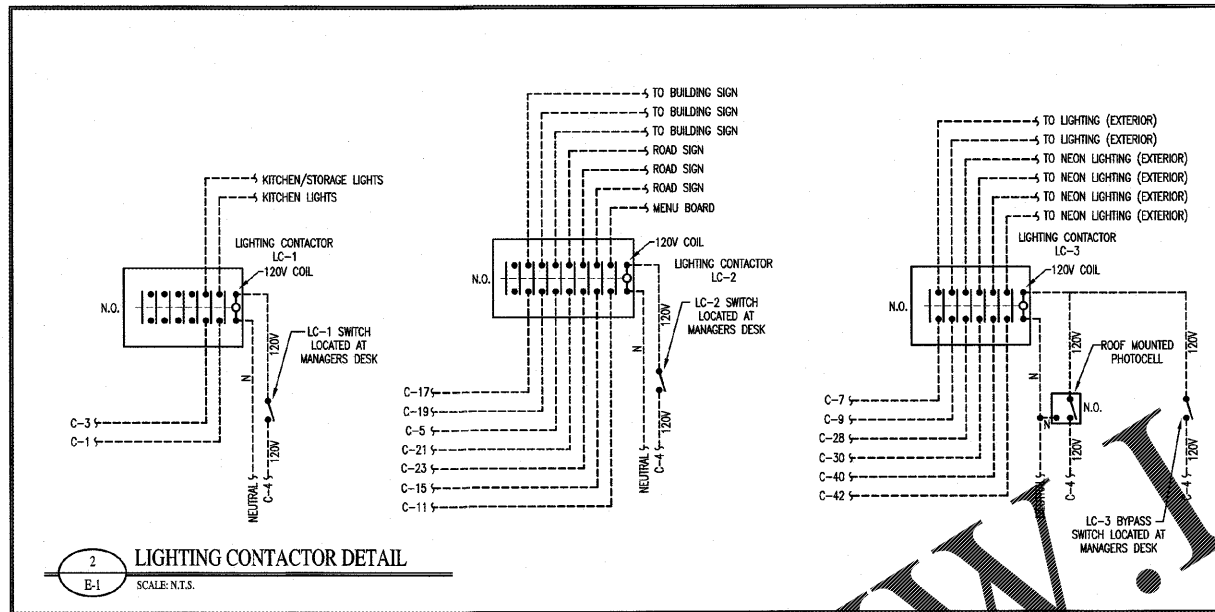


**Alamance Consulting Engineers**

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LIGHTING LEGEND		
MARK	SYMBOL	DESCRIPTION
A		2'x4' LAY-IN LED LIGHT, WITH ACRYLIC LENS, 50W, 5000K LSI INDUSTRIES
B		2'x4' LAY-IN LED LIGHT, WITH ACRYLIC LENS, 50W, 3000K LSI INDUSTRIES
C		4'-0" LED SURFACE MOUNT FIXTURE, WITH ACRYLIC ANGLED LENS, 35W, 5000K LSI INDUSTRIES
D		EMERGENCY/EXIT LIGHT WITH BATTERY BACK-UP LSI INDUSTRIES
E		EMERGENCY LIGHT WITH BATTERY BACK-UP LSI INDUSTRIES
F		LED FULL CUT-OFF WALL PACK, 82W, 5000K, METALLIC SILVER FINISH, LSI INDUSTRIES
G		EXTERIOR EMERGENCY SURFACE MOUNTED LIGHT WITH NICAD BATTERY, DARK BRONZE, TWO 5V LAMPS LSI INDUSTRIES
H		LED EXTERIOR LINEAR LIGHTING, 30W
EF		BATHROOM EXHAUST FAN, SEE EXHAUST FAN SCHEDULE FOR SPECIFICATIONS
--		SINGLE POLE WALL SWITCH
--		DENOTES LINE VOLTAGE WIRING



**COMcheck Software Version 4.0.2.5**  
**Interior Lighting Compliance Certificate**

**Project Information**  
Energy Code: 2012 IECC  
Project Title: COOK OUT  
Project Type: New Construction

**Construction Site:** 7601 West 3rd St, Pembroke, NC  
**Owner:** [Redacted]  
**Designer/Contractor:** Kevin Bengel, Alamance Consulting Engineers, 961-F Burlington Ave, Gibsonville, VA 27249

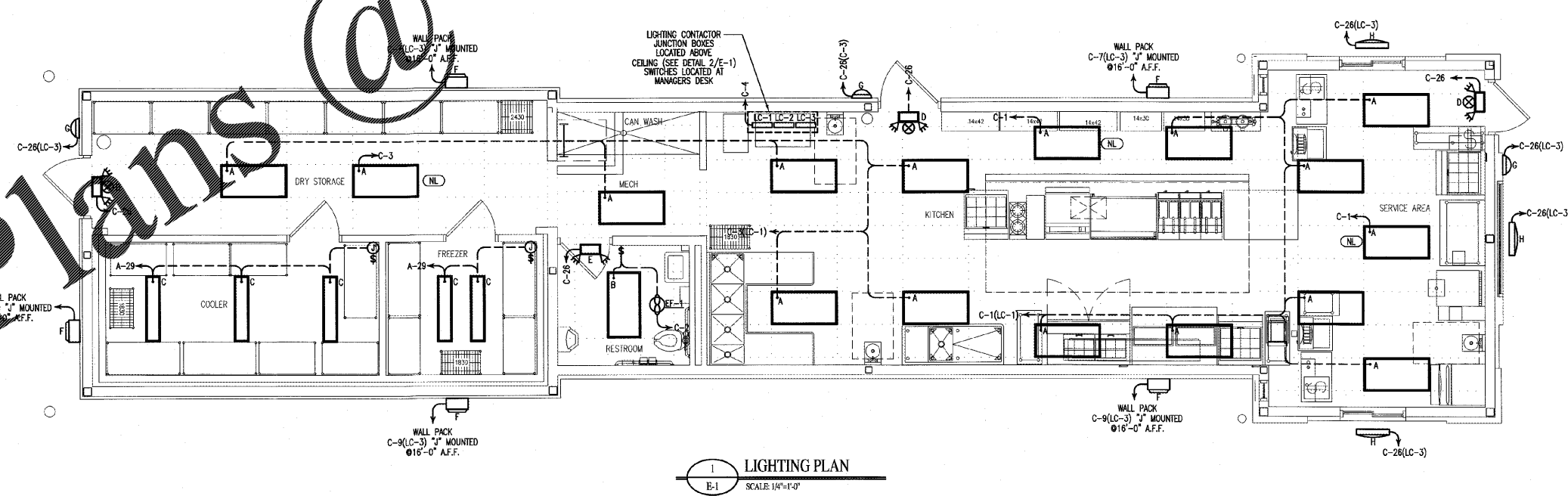
**Additional Efficiency Savings**  
Unspecified  
Proposed Interior Lighting Power: [Redacted]

Area Category	B Floor Area (ft <sup>2</sup> )	C Allowed Watts / ft <sup>2</sup>	D Allowed Watts (B X C)
1-Common Space Types: Food preparation	1122	1.19	1346
		Total Allowed Watts =	1346

Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	A	B Lamps/ Fixture	C # of Fixture	D Watt. (C X D)
1-Common Space Types: Food preparation				
LED 1: A: LED Panel 70W:	1	16	67	1072
LED 2: B: LED Panel 40W:	1	1	40	40
		Total Proposed Watts =		1112

Interior Lighting PASSES: Design 17% better than code.

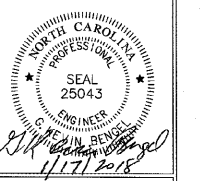
**Interior Lighting Compliance Statement**  
Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2012 IECC requirements in COMcheck Version 4.0.2.5 and to comply with the mandatory requirements listed in the inspection checklist.



Order Plans @ WWW.LDMLINE.COM

NEW BUILDING FACILITY:  
**COOK OUT**  
601 West 3rd St.  
Pembroke, North Carolina

DRAWING NAME:  
**LIGHTING PLAN**



DRAWN: MRS  
DATE: 1/17/18  
SCALE: AS NOTED  
JOB NO: 17116  
SHEET

**E-1**